

TUNABLE DISPERSION COMPENSATING BAND WIDTH DEVICE FOR FIBER OPTICS SYSTEM

ABSTRACT

A tunable dispersion compensating device for optical communications systems has a
5 compliant support block having a longitudinal axis and a load-receiving surface oriented
substantially parallel to the longitudinal axis. The load receiving surface is suitable to receive
an applied load in a direction substantially orthogonal to the longitudinal axis. A Bragg-
grating fiber is disposed in the compliant support block and extends substantially along, and
at an angle to, the longitudinal axis of the compliant support block.

10